

VISION IAS

GENERAL STUDIES

GS

CLASS NOTES

ENGLISH MEDIUM

VISION IAS

CLASS NOTES

**SCIENCE &
TECHNOLOGY**

2023

→ Agriculture in IVC :

- Wheat
- Pulses
- Sesame
- Cotton
- * Barley (milling grown)
- Peas
- Mustard
- Rice

→ (Animals Reared):

- Cattle
- Sheep
- Goat
- Buffalo

→ (TRADE AND COMMERCE): BARTER SYSTEM

was the main basis of the Economy

Local / Regional / External Trade was done

→ Major Trading partners:

Contemporary Civilizations of

- Mesopotamia
- Iran
- Afghanistan
- Oman

O - MIA

→ Traded goods: Teracotta pots, beads, gold, silver,
Coloured Gems [Turquoise & Lapis Lazuli]
Seashells, pearls



AGRICULTURE:

Agriculture { what?
importance? }

Green Revolution { what?
analysis. }

Agri Marketing {

- Input subsidies
- Pricing policy & procurement
- Regulators of markets { APMC
ECA [Essential Commodities Act]
- PDS - Food Security

(NFSA)

Land Reforms {

- Abolition of Zamindari system
- Tenancy Reforms
- land ceiling
- Consolidation
- co-operatives

→ Digitization of Land Records

Land Acquisition LAAR, 2013

(10 Things) PYQ →

SOURCES

main sources →

- 1) CN
- 2) Handouts by PIYUSH SIR
- 3) Vision Material + Value Added material (vision website)
- 4) NEWSPAPER
- 5) ECONOMIC SURVEY + BUDGET
 - Part. 1
 - Part. 2

CORE ECONOMY:

- 1) Introduction to Subjects & Basic Concepts [Prelims → 1/2 Q's]
- 2) GDP → Calculation of Growth & its Aggregates [Prelims & Mains]
Growth Vs Development Debate
- 3) Planning in India [Mains]
Role of 5-Year PLANS, NITI-AAYOG etc.
- 4) Money & Banking [Prelims (~5/6 Q/yr)]
- 5) INFLATION [Prelims] + [Mains]
- 6) Public Finance → Taxation
↳ Budget [Prelims + Mains]
- 7) Capital Market [Prelims]

DEVELOPMENT ECONOMY:

- 1) Poverty - Its Estimation & Calculation [Mains] → also for GS-11
- 2) Agriculture Sector [Mains] [2-3 Q's]
[Prelims] [1-2 Q's]
- 3) Industries [Mains] [1-2 Q's]
[Prelims] [1-2 Q's]

BUDGET - 2022-23

Fiscal Deficit Target $\leq 4.5\%$; Fiscal Deficit = 5.9% .

Capex = \uparrow by 33% .

Tax Exemptions upto Income of 7 Lacs.

GLOBAL CORPORATE TAX REFORM

→ As OECD has found that Base Erosion & Profit Shifting is one of the key challenges in the Global Corporate affairs which needs a reform keeping MNC's & Big tech giants in mind

→ In 2021, ~~est~~ ^(at int \Rightarrow 136 ") >130 countries have accepted an International Tax Structure \bar{c} following PILLARS:

PILLAR-I

→ Common pool of Corporate Tax Collection will be developed and any MNC has to pay the tax where they are operating which will be subsequently relocated to their respective jurisdiction (i.e. where the company is registered) on the given procedures.

PILLAR-II

→ Minimum Benchmark of Global Corporate Tax Rate of 15%

→ will be effective from 2023.

ETHICS , INTEGRITY & APTITUDE

• APTITUDE:

- \rightarrow Proficiency in a specific area
- \rightarrow Specialized Ability
- \rightarrow Professional Competency
- \rightarrow Ability to apply Knowledge

Eg: - Gaining \Rightarrow Medicine Knowledge is Intelligence
But the person can't apply \Rightarrow No Aptitude for medicine

- \rightarrow Types:
(Aptitude) $\left\{ \begin{array}{l} \text{Natural} \\ \text{Acquired through Training} \end{array} \right.$
Eg: In LBSNAA \Rightarrow IAS officers are trained to develop Admin. aptitude

• INTELLIGENCE \Rightarrow ability to gain knowledge

\rightarrow Aptitude is Necessary ^{condition ensuring} for Efficiency in Organization.